

BASHKATOV, V.A.

Analysis of the propulsive qualities of certain specific flow  
sheets for ideal jet propulsion engines. Trudy Inst. dvig. no.6:  
170-176 '62. (MIRA 16:5)

(Jet propulsion)

BASHKATOV, V.A.

Using integral equations in indirect measurement of parameters  
varying with time. Trudy Inst. dvig. no.6:177-186 '62. (MIRA 16:5)  
(Vibrations—Measurement)  
(Temperatures—Measurement)

L 18849-63

EPA/EPA(b)/EWT(1)/EWT(m)/BDS

AEDC/AFFTC/ASD/APGC

Paa-4/

Pd-4

ACCESSION NR: AT3001869

S/2909/62/000/006/0170/0176

AUTHOR: Bashkatov, V.A.

TITLE: Analysis of the propulsive qualities of some specific schemes of ideal jet engines

SOURCE: AN SSSR. Institut dvigateley. Trudy, no.6, 1962, 170-176

TOPIC TAGS: jet, propulsion, rocket, air-breathing, air jet, hydrojet, engine, primary, secondary, efficiency, propulsive

ABSTRACT: This theoretical paper derives and analyzes equations that are suitable for the evaluation of the propulsive efficiency of jet engines with the consideration of arbitrary (including small) relative flow rates of the surrounding medium entrained in the jet flow, and also for various flow velocities of the surrounding medium and of the ejected working fluid carried aboard. The especial field of application of this study is for motion in water. An analysis of the elementary efficiency equations shows that, with an increased relative secondary-flow rate (of the entrained surrounding medium), at a constant ratio between the speed of motion and the speed of the primary, the propulsive efficiency decreases. The seeming inconsistency of this statement with the observation that in actual

Card 1/2

L 18849-63

ACCESSION NR: AT3001869

engines every effort is made to increase the mass-flow rate of the secondary (surrounding-medium) fluid passing through the engine in the interest of an improved efficiency, is resolved by the comment that in real and thermodynamic processes an increase in the relative mass flow of the surrounding medium results in a decrease in the speed of ejection of the mixed jet and therefore an increase of the ratio of speed of motion divided by the speed of ejection. The dependence of the propulsive efficiency on the relative mass flow, from the rocket regime (relative mass flow zero) to full entrainment (relative mass flow infinity), is analyzed and pictured. This analysis is performed for an ejection-speed ratio (primary flow/secondary flow) both equal to unity and at variance with unity. Orig. art. has 8 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 11Apr63

ENCL: 00

SUB CODE: AI, PR

NO REF SOV: 002 .

OTHER: 000

Card 2/2

L 18218-63

ENT(d)/FCC(w)/BDS

AFTC/IJP(C)

S/2909/62/000/006/0177/0186

ACCESSION NR: AT3001870

ANTHONY J. BASTIEN, JR.

Card 1

L 18218-63

ACCESSION NR: A7001870

L 18218-63  
ACCESSION NR: AT3001870

BASHKATOV, V.A.; TSVEIKOVA, A.A.

Considering the temperature variation inside a drop in calculating a two-phase flow. Izv. SO AN SSSR no. 10. Ser. tekhn. nauk no. 3:159-161 '65 (MIRA 19:1)

1. Institut gidrodinamiki Sibirskogo otdeleniya AN SSSR, Novosibirsk. Submitted February 22, 1965.



L 02973-67 EWT(1)/EWP(m) FDN/WW

ACC NR: AP6032929

SOURCE CODE: UR/0288/66/000/002/0003/0011

AUTHOR: Bashkatov, V. A.

ORG: Institute of Hydrodynamics, Siberian Branch AN SSSR, Novosibirsk (Institut gidrodinamiki sibirskogo otdeleniya AN SSSR)

TITLE: Generalized hydrodynamic equation for determining the thrust of an isolated direct-reaction motor

SOURCE: AN SSSR. Sibirskoye otdeleniye. Seriya tekhnicheskikh nauk, no. 2, 1966, 3-11

TOPIC TAGS: rocket engine, air breathing engine, pulsejet engine, thrust, plasma engine

ABSTRACT: The thrust of various new types of reaction motors cannot always be calculated by the theory developed by Zhukovskiy (K teorii sudov, privodimyykh v dvizheniye siloy reaktsii vytekayushchey vody.- Tp. TsAGI, vyp. 112, M., 1932), and B. S. Stechkin (Teoriya vozdušnogo reaktivnogo dvigatelya.-Tekhnika vozdušnogo flota, 1929, No. 1). Therefore, in the present study the following generalized equation is presented which permits evaluation of axial thrust component  $R_x$ :

Card 1/5

UDC: 621.45.455

L 02973-67

ACC NR: AP6032929

$$R_x = \iint_{S_4-4'} (\rho_1 - \rho v_n^2) \cos(\vec{n} \cdot \vec{x}) dS + \iint_{S_1-1'} (\rho_1 + \rho v_n^2) \cos(\vec{n} \cdot \vec{x}) dS + \\ + \iint_{S_3-3} [\rho_1 \cos(\vec{n} \cdot \vec{x}) + \tau \cos(\vec{\tau} \cdot \vec{x})] dS - \iiint_V \frac{\partial}{\partial t} (\rho v_x) dV.$$

Here,  $dS$  is the area element;  $dV$ , volume element;  $v_n$ , velocity normal to the control surface;  $v_x$ , velocity in direction  $x$ ;  $\vec{n}$ , unit vector normal to the contour;  $\vec{\tau}$ , unit vector tangential to contour; and  $p_1 = p - p_0$  ( $p_0$  = pressure in medium,  $p_1$  = excess pressure). Application of the formula to a rocket without induction of the external medium yielded the usual formula  $R = G/g \cdot v_4$  ( $v_4$  = exhaust velocity). For a rocket using an internal as well as an inducted medium;  $R = G/g (v_4 - v_1)$  ( $v_1$  = flight speed),  $G = G' + G''$ , where  $G'$  is the mass flow rate of the internal medium and  $G''$ , the mass flow rate of the external medium. For a pulsating engine using both the internal and external fluids, the following formula for the mean thrust was obtained:

$$R = \frac{1}{t_c} \left\{ \int_0^{t_c} \left[ \rho_m F_{sr} \frac{dv_m}{dt} + \frac{G'}{g} v_i - \frac{G''}{g} v_i + (p_i - p_0) F - \right. \right. \\ \left. \left. - (p_1 - p_0) S_{1-1'} \right] dt + \int_0^{t_c} \left[ \rho_m F (l - x_r) \frac{dv_m}{dt} + \frac{G'}{g} v_i + (p_i - p_0) F \right] dt \right\}.$$

Card 2/5

L 02973-67

ACC NR: AP6032929

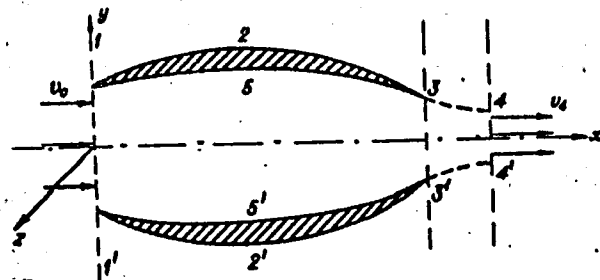


Fig. 1. Control volume for the derivation of a generalized thrust formula

1, 5, 3 and 3', 5', 1' - solid surface;  
3, 4 and 3', 4' - streamlines.

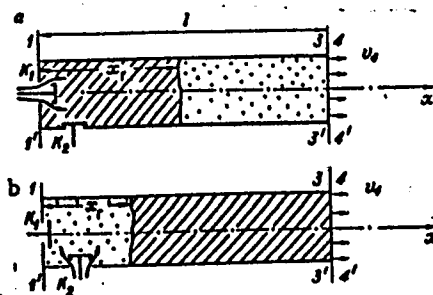


Fig. 2. Control volume for a pulsejet engine using internal and external mediums

a - First period for induction of external medium; b - second period for internal working fluid;  $K_1$ ,  $K_2$  - valves.

Card 3/5

L 02973-67

ACC NR: AP6032929

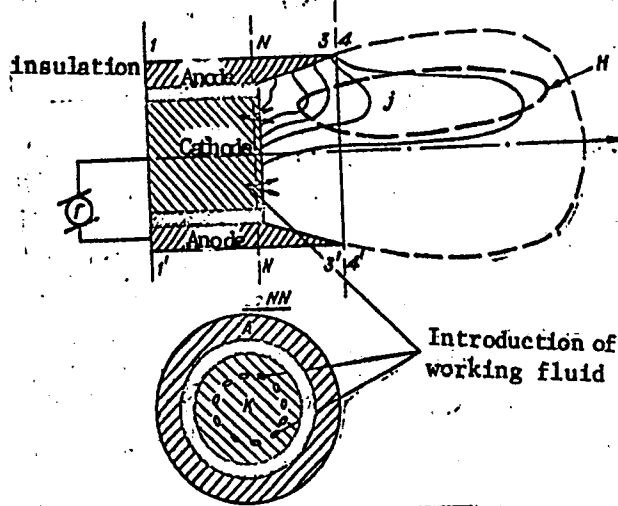


Fig. 3. Magnetohydrodynamic rocket engine.

where,  $\rho_m$  and  $v_m$  are the density and velocity of the external medium inside the engine,  $t_c = t_I + t_{II}$  are the durations of the first and second periods of a cycle;  $F$  is the cross section of the cylindrical tube (see Fig. 2),  $p_4$  is the pressure behind the control volume, and  $X_T$  is shown in Fig. 2. For a magnetohydrodynamic

Card 4/5

L 02973-67

ACC NR: AP6032929

rocket engine with plasma acceleration in an electric or natural magnetic field, the following formula was obtained for the axial thrust component:

$$R_x = \iint_{S_1-4'} (\rho_1 + \rho v_n^2) \cos(\hat{n}, x) dS,$$

Orig. art. has: 5 figures and 15 formulas.

SUB CODE: 21/ SUBM DATE: 12Nov65/ ORIG REF: 002/ OTH REF: 001/ ATD PRESS: 5099

Card

5/5

egb

ACCESSION NR: AP4013187

8/0131/64/000/002/0082/0089

AUTHOR: Poluboyarinov, D. N.; Bashkatov, V. A.; Serova, G. A.; Golubeva, Ye. V.; Shlemin, A. V.

TITLE: Testing of highly refractory insulation materials in lithium vapors at high temperatures in a vacuum

SOURCE: Ogneupory\*,<sup>27</sup> no. 2, 1964, 82-89

TOPIC TAGS: insulation, insulation material, insulation material testing, lithium vapor, refractory insulation material, high temperature material testing, insulation material alkali metal resistance

ABSTRACT: In respect to the effect of alkali metals on refractory materials at high temperatures, tests have been conducted on the resistance of different materials to liquid lithium and ionized lithium vapors in a vacuum. Aluminum oxide, calcium oxide, magnesium oxide (pure and with  $Al_2O_3$  admixtures), zirconium dioxide and certain other high-melting materials (zircon, calcium zirconate, silicon nitride, silicon carbide on a vitreous bond, silicon carbide on  $\beta$ -carborundum and silicon nitride bonds, as well as a material with a boron nitride base) served as base materials. Samples of corundum, zirconium dioxide, magnesium oxide, and cal-

Card 1/3

ACCESSION NR: AP4013187

cium oxide were prepared using G-O technical alumina (98.7%  $\text{Al}_2\text{O}_3$ ), white electrosmelted corundum No. 36 and 280 (95.5%  $\text{Al}_2\text{O}_3$ ), smelted technical  $\text{ZrO}_2$  stabilized by calcium oxide (91.16%  $\text{ZrO}_2$ , 6.49%  $\text{CaO}$ ), monoclinic  $\text{ZrO}_2$  (98.02%  $\text{ZrO}_2$ ), technical magnesium oxide (98.7%  $\text{MgO}$ ), and calcium carbonate. Samples were prepared in solid-sintered and granular-porous pieces. The basic results were: (1) corundum, zirconium dioxide, zircon, calcium zirconate, and silicon nitride were affected considerably by lithium, particularly in contact with melted lithium; (2) magnesium oxide and calcium oxide showed greater chemical stability; (3) the chemical stability of magnesium oxide with  $\text{Al}_2\text{O}_3$  admixtures was noticeably less than that of pure magnesium oxide; (4) the carborundum samples on a bond of  $\beta$ -carborundum did not possess the required electroinsulating properties; (5) boron nitride-base samples showed chemical and thermal stability. It was concluded that refractory materials of pure aluminum oxide and pure zirconium dioxide, zircon, calcium zirconate and silicon nitride are not serviceable because of their low chemical stability; however, boron nitride, calcium oxide, and magnesium oxide may be used as insulators. Orig. art. has: 8 figures, 2 tables.

Card 2/3

ACCESSION NR: AP4013187

ASSOCIATION: Khimiko-tekhnologicheskii institut im. D. I. Mendeleeva (Institute of Chemical Technology)

SUBMITTED: 00

DATE ACQ: 02Mar64

ENCL: 00

SUB CODE: MA, CH

NO REF SOV: 002

OTHER: 003

Card 3/3



L 3830-66 EWT(1)/EWF(m)/EWA(d)/PCS(k)/EWA(1)

ACCESSION NR: AP5C21076

UR/0288/65/000/002/0088/0093

532.5.29.5 621.43.03

AUTHOR: Bashkatov, V. A.; Tsvetkova, A. A.

TITLE: Certain peculiarities of the calculation of the nonequilibrated two-phase jet

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk, no. 2, 1965, 88-93

TOPIC TAGS: air flow, gas jet, flow analysis, flow velocity, subsonic flow, flow density

ABSTRACT: Earlier investigations of the acceleration and deceleration of droplets in gas flows did not take into account the mechanical interactions between the gas and the droplets. The present study investigates a flow of gas and droplet the temperatures and velocities of which are essentially different. The mechanical and thermal interactions are taken into account and the equations of motion of the particles are presented in the form of an empiric quadratic law incorporating the pressure gradient. In addition to the usual assumptions that the probability of splitting and collision of particles is negligibly small, that the size of all

Card 1/3

L 3830-66

ACCESSION NR: AP5021076

particles is equal to the mean statistical (over the weight) diameter of the droplets, and that the mechanical gas-droplet interaction resembles an elastic collision with a nonsubstantial energy dissipation, the present authors assume that 1) the flow lines are smooth; 2) the length of the channel is much greater than its cross section; 3) the unidimensional approximation can be applied; 4) there are no chemical or phase transitions present; 5) the droplet density, their size, and the gas parameters are described by the inequality

$$2d_k + l \ll L,$$

(where  $d_k$  is the mean statistical (over the weight) droplet diameter;  $l$  is the mean statistical distance between the droplets;  $L$  is the linear dimension of the entire flow), 6) the droplet temperature may be assumed uniform because of the large thermal conductivity of the fluid, and 7) the gas density relative to the droplets is small. The calculational approach is illustrated by numerical evaluations on an electronic computer of the isochoric process for the case of water droplets within the vapor. Results point to the wide range of the possible values of the characteristics of the gas-dynamic process as function of various flow conditions even prior to the start of phase transitions. Orig. art. has: 39 formulas and 4 figures.

Card 2/3

L 3830-66

ACCESSION NR: AP5021076

ASSOCIATION: Institut gidrodinamiki Sibirskogo otdeleniya AN SSSR, Novosibirsk  
(Institute of Hydrodynamics, Siberian Branch, AN SSSR)

SUBMITTED: 30Oct64

ENCL: 00

SUB CODE: ME

NO REF SCV: 005

OTHER: 001

Card 3/3

BASHKATOV, Vladimir Iosifovich; MIKHEYEV, N.I., red.; YASHEN'KINA, Ye.A.,  
tekh. red.

[Automobile trains]-Avtomobil'nye poezda. Kuibyshev, Kuibyshevskoe  
knizhnoe izd-vo, 1960. 62 p. (MIRA 14:6)  
(Automobile trains)

BASHKATOV, Vasilii Petrovich, kand. sel'khoz. nauk; SHVYDCHENKO,  
L.I., red.

[Silage as the basis of feeding] V osnovu kormleniia -  
silos. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1963.  
71 p. (MIRA 17:5)

KHRISTICH, V.A., kand.tekhn.nauk; BASHKATOV, Yu.N.

Use of a pilot burner for improving the operational characteristics  
of a gas turbine combustion chamber. Energ. i elektrotekh. prom.  
no.1:25-27 '62. (MIRA 15:6)

1. Kiyevskiy politekhnicheskiy institut.  
(Gas turbines)

KHRISTICH, V.A., kand.tekhn.nauk; BASHKATOV, Yu.N., inzh.; BULAVITSKIY, Yu.M.,  
inzh.

Study of the possibility of the conversion of the combustion  
chamber of the GT-25-700-1 gas turbine system to gas and steam  
operation. Energ. i elektrotekh. prom. no.4:19-21 O-D '64.

(MIRA 18:3)

KHRISTICH, V.A., kand.tekhn.nauk; BASHKATOV, Yu.N., inzh.;  
CHERNIN, Ye.N., inzh.; SHEVCHENKO, A.M., inzh.

Results of tests and final study using a model of the  
combustion chamber of the GT-25-700-1 gas turbine system  
with preliminary fuel atomization. Energomashinostroenie  
8 no.10:10-13 0 '62. (MIRA 15,11)

(Gas turbines)



BASHKATOV, Yu. N., and KHRISTICH, V. A. (KPI)

"Data about nature of vibration burning in high-forced blast furnaces, working on gasiform fuel".

Report presented at the Section on Physics of Combustion, Scientific Session, Council of Acad. Sci. Ukr SSR on High Temperature Physics, Kiev, 24 Apr 1963

Reported in Teplofizika Vysokikh temperatur, No. 2, Sep-Oct 1963, p. 321, JPRS 24,651. 19 May 1964.

AUTHOR: Khristich, V. A.; Bashkatov, Yu. N.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5

ACCESSION NR: AT5004226

Copy 2 of 2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5"

ACCESSION NR: AP4045906

S/0114/64/000/009/0012/0015

AUTHOR: Khristich, V. A. (Candidate of technical sciences); Bashkatov, Yu. N.  
(Engineer); Chernin, Ye. N. (Engineer); Shevchenko, A. M. (Engineer)

TITLE: Effect of a burner on the characteristics of a gas-turbine combustor

SOURCE: Energomashinostroyeniye, no. 9, 1964, 12-15

TOPIC TAGS: combustor, combustor test, combustion chamber, combustion chamber test, gas turbine/GT-25-700-1-LMZ gas turbine plant

ABSTRACT: A continuation of the authors' earlier experiments (Energomashinostroyeniye, 1962, no. 10) is reported. The possibility of a radical improvement in a premixing register burner by modifying its design was explored. The principal experiments were conducted at an air pressure of 1.5 atm, a temperature before the chamber of 300°C, an air flow of 7-8 m<sup>3</sup>/sec, and an air-fuel ratio of 4.5-20 (primary-air ratio, 1.1-5). Several types of

Card 1/3

ACCESSION NR: AP4045906

burners were tested; four of them are shown in Enclosure 1. The flow aerodynamics was investigated with a cold blowdown of the chamber. Register burner I was found to produce the highest temperature field in the flame tube. The best operating conditions of the flame tube were observed (at 700C of exhaust gases) with nonregister-type diffusion burners. The intensity and completeness of combustion were also investigated (curves supplied), as well as combustion stability, pressure loss in the chamber, and the temperature field of exhaust gases. Orig. art. has: 6 figures and 2 tables.

ASSOCIATION: Kiyevskiy politekhnicheskii institut (Kiev Polytechnic Institute); Leningradskiy metallicheskiy zavod (Leningrad Metal Plant)

SUBMITTED: 00

ENCL: 01

SUB CODE: PR

NO REF SOV: 002

OTHER: 000

Card 2/3

KHRISTICH, V.A., kand. tekhn. nauk; OL'KHOVSKIY, G.G.; CHERNIN, Ye.N., inzh.;  
BASHKATOV, Yu.N., inzh.; SHEVCHENKO, A.M., inzh.; TUMANOVSKIY, A.G.,  
inzh.; GOROBETS, V.S., inzh.

Some results of the tests and adjustment of the combustion chambers  
of the gt-25-700 and gtn-9-750 gas turbine power systems. Teploener-  
getika 12 no.2:16-20 F '65. (MIRA 18:3)

1. Vsesoyuznyy ordena Trudovogo Krasnogo Znameni teplotekhnicheskoy  
institut imeni F.E. Dzerzhinskogo; Kiyevskiy politekhnicheskoy insti-  
tut i Leningradskiy metallicheskiy zavod.

ACC NR: AR6028072

(A,N)

SOURCE CODE: UR/0124/66/000/005/B051/B051

AUTHORS: Bashkatov, Yu. N.; Butovskiy, L. S.

TITLE: Investigation of the heat transfer characteristics of a water-cooled combustion chamber

SOURCE: Ref. zh. Mekhanika, Abs. 5B312

REF SOURCE: Vestn. Kiyevsk. politekhn. in-ta. Ser. teploenerg., no. 2, 1965, 20-25

TOPIC TAGS: combustion chamber, heat transfer coefficient, flame tube, Reynolds number

ABSTRACT: The heat transfer characteristics of one section of a flame tube mounted in a large-scale model of a combustion chamber were considered. A regenerator was located after the combustion chamber. This permitted experiments with heated (to 300C), clean air. Each combustion chamber element had an individual air supply and was equipped with a regulating and a measuring system. The experiments were conducted at an essentially constant pressure of  $\approx 1.25$  bar, while changing the air temperature from 75--300C, the coefficient of excess air in the combustion zone from 1.1--8.0, and the exhaust velocity from the burner from 20--80 m/sec. The heat emission coefficient on the heating surface was determined in each experiment and was assumed to be approximately equal to the coefficient of heat transfer. The

Card 1/2

ACC NR: AR6028072

temperature distribution along the length of the combustion chamber was not investigated in detail. As can be seen from the graphs, the temperature of the wall layer in the investigated burner-flame tube section system depends on the degree of preheat and can reach 950--1050C. The Stanton criterion  $S = \alpha / (\omega \rho c_p)$  was used as the determining heat transfer criterion in evaluating the experimental results. The results are represented adequately by the equation

$$S = \frac{1}{1 + 0.0136 R^{0.52} (0.12 \theta_1 / \theta_{CT}^2)^{0.52}}$$

where  $\theta_1 = T_1 / T_0$  - relative temperature of the burning mixture;  $\theta_{CT} = T_{CT} / T_0$  - relative wall temperature;  $R$  - Reynolds number. This equation can be used to evaluate the heat exchange in water-cooled combustion chambers in which no cooling fluid is introduced into the wall layers of the flame tube. Bibliography of 3 titles. Yu. Dvin [Translation of abstract]

SUB CODE: 20

Card 2/2



*BASHKATOVA, A.N.*

BASHKATOVA, A.N.

[Sowing saksaul and Russian thistle for improving pastures]  
Uluchshenie pastbishch putem podseva saksaula i cherkesa.  
Ashkhabad, Akademiia nauk TSSR, 1954. (MIRA 11:1)  
(Pastures and meadows) (Saksaul) (Thistle, Russian)

BASHKATOVA, A. N.

BASHKATOVA, A. N.: "The biology of the 'ilak' (Carex physodes M.B.)." Acad Sci Turkmen SSR. Department of Biological and Agricultural Sciences. Ashkhabad, 1956.  
(Dissertation for the Degree of Candidate in Biological Sciences).

SO: Knizhnaya Ietopis', No 23, 1956

**MECHAYEVA, M.T.; BASHKATOVA, A.N.**

Dynamics of the development of the sedge *Carex physodes* in Kara-Kum.  
Izv.AN Turk.SSR no.1:53-57 '56. (MLRA 9:8)

1. Institut zhivotnovodstva AN Turkmenskoy SSR.  
(KARA-KUM--SEDGES)

OSTASHEVSKAYA, N.S.; OLENTSEVICH, N.A.; BASHKATOVA, A.S.; LANDA, M.B.;  
KUNSHCHIKOVA, A.A.; LISIN, D.M.; KUROV, V.V.; YEMEL'YANOV, N.A.;  
FAKTOROVICH, B.A.; KUROKHTIN, A.N.

Industrial testing of Listvyanka anthracite for lining the  
bottom of aluminum electrolytic cells. TSvet.met. 38  
no.10:62-66 0 '65. (MIRA 18:12)

BASHKATOVA, N. N.

32416. NECHAYEVA, N. T. i BASHKATOVA, N. N. Materialy k biologii razmnozheniya  
peschanoy osoki. Izvestiya Turkm. Filiala Akad. nauk SSSR, 1949, No. 1, s.  
60-61 ---Bibliogr: 5 nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 44

BEREZINA, Ye.Kh.; ZAYTSEVA, A.I.; SAKULINSKAYA, M.G.; VISHNEVSKAYA, O.P.;  
MEZINA, A.A.; MIKHAYEV, Ya.M.; BELOBORODOV, P.A. Prinsipali  
uchastiye: BASHKATOVA, Z.V.; OLEYNIKOVA, Ye.I.; SIBIRYAKOVA, A.A.  
MIKHAYLOV, A.N., otv.red.; LIVSHITS, B.Kh., red.; VLADIMIROV,  
O.G., tekhn.red.

[Agroclimatic manual for Kirov Province] Agroklimaticheskii spra-  
vochnik po Kirovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960.  
190 p. (MIRA 14:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologi-  
cheskoy sluzhby. Verkhne-Volzhskoye upravleniye.  
(Kirov Province--Crops and climate)

DOKUKIN, A.V.; BASHKAYEV, I.S.

~~Physiological polyspermy in mammals~~  
Physiological polyspermy in mammals. Biol. eksp. biol. i med. 37  
no.1:62-64 Ja '54. (MLRA 7:3)

1. Iz kafedry obshchey biologii (zaveduyushchiy - professor  
V.V.Makhovko) II Meditsinskogo instituta im. I.V.Stalina, Moskva.  
(Fertilization (Biology)) (Mammals)

BASHKAYEV, I.S.

Antigenic properties of certain fractions of Ehrlich mouse adenocarcinoma. Report No.2: Studies on antigenic properties of tumor fractions in gel precipitation reactions and in experiments on vaccinated mice. Biul. eksp. biol. i med. 51 no.5:86-91 My '61.  
(MIRA 14:8)

1. Iz laboratorii neinfektsionnoy immunologii otdela immunobiologii (zav. - deystvitel'nyy chlen AMN SSSR N.N.Zhukov-Verezhnikov) Instituta eksperimental'noy biologii (dir. - prof. I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.  
(TUMORS) (ANTIGENS AND ANTIBODIES)



AVDEYEV, G.I.; BASHKAYEV, I.S.

Lack of some organ-specific antigens in cancerous tumors of the human stomach. Biul. eksp. biol. i med. 52 no.12:76-79 D '61.  
(MIRA 14:12)

1. Iz virusologicheskoy laboratorii (zav. - prof. V.V.Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertsena  
(dir. - prof. A.N.Novikov). Predstavlena deystvitel'nyy chlenom  
AMN L.A. Zil'berom.

(STOMACH--CANCER)

(ANTIGENS AND ANTIBODIES)

1. "The Problem of Preventive Medicine in a Socialist Society," Professor M. I. BARSUKOV, Chief of the Department of the History of Soviet Medicine, N. A. SEMENOV Institute of Public Health Organization and the History of Medicine, Moscow; pp 4-10.
2. "On the Virus Etiology of Rabies," P. ALEKSEEV; pp 11-20.
3. "On the Antigenic Similarity between Normal and Malignant Tumors in Animals and Man," I. BARSUKOV and M. BOYKOVA of the Central Laboratory, Headed by Professor V. V. SEMENOV, of the "P. A. Keresov" Institute (Professor A. N. SEMENOV, Director), Moscow; pp 28-31.
4. "Toxicous Substances in a Surrounding Medium and the Possibilities of Protection," Z. KRAVCHENKO, of the Zoological Institute in Sofia; pp 32-39.
5. "Humanism and Medicine," Professor A. PAVLEV; pp 37-43.
6. "Occupational Diseases in Bulgaria 1929-1930," Kirena KIRKOV; pp 40-49.
7. "Fundamental Problems in the Labor Pathology of Agricultural Workers," Dozent Evdokia KRAVCHENKO, Director of the Clinic for Occupational Diseases, Sofia; pp 50-53.
8. "Preventive Medicine with Sodium Citrate during Lead Production and its Therapeutic Application in the Treatment of Chronic Lead Poisoning," Dr. S. YANKEV of the Central ventilation-epidemic station (Dr. I. KIRKOV, chief physician) in Sofia; pp 50-59.
9. "The Magneto Significant of Certain Indicators for Changes in the Higher Nervous Activity in Lead Poisoning," V. KRAVCHENKO, V. SEMENOV, and the Clinic for Occupational Diseases, Professor I. PAVLEV, head of department, of the central unit of the factory 12, headed by Dr. G. PETKOV; pp 60-62.

— 24 —

BRASHKAYEV / S.

BASHKAYEV, I. S.; BOYEVA, M. N.

Heterogenic antigens of cancerous and normal human mammary glands. Vop. onk. 8 no.4:75-77 '62. (MIRA 15:4)

1. Iz laboratorii virusologii (zav. - prof. V. V. Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta im. P. A. Gertsena  
(dir. - prof. A. N. Novikov)

(BREAST—CANCER) (ANTIGENS AND ANTIBODIES)

BASHKAYEV, I.S.

Heterogenic antigens of Ehrlich's tumor. Vop.onk. 7 no.11:65-  
67 '61. (MIRA 15:5)

1. Iz virusologicheskoy laboratorii (zav. - prof. V.V. Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena  
(dir. - prof. A.N. Novikov).  
(TUMORS) (ANTIGENS AND ANTIBODIES)

BASHKAYEV, I. S.; BOYEVA, M. N.

Heterogenic antigens of mouse carcinoma MAP. Vop. onk. 8 no.1:  
45-46 '62. (MIRA 15:2)

1. Iz virusologicheskoy laboratorii (zav. - prof. V. V. Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta im. P. A. Gertsena  
(dir. - prof. A. N. Novikov).

(CANCER) (ANTIGENS AND ANTIBODIES)

BASHKAYEV, I.S. (Moskva, G-48, Frunzenskiy val. 24, kv.120); ROZENBAUM,  
G.I., (Moskva, V-180, Malaya Yakimanka, 19, kv.5)

Study of transplanted Harding-Passey melanoma in the precipitation reaction in gel. Vop.onk. 9 no.2:83-87'63.(MIRA 16:9)

1. Iz laboratorii virusologii (zav. - prof. V.V.Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta imeni Gertsena  
(dir. - prof. A.N.Novikov).  
(MELANOMA) (ANTIGENS AND ANTIBODIES—ANALYSIS)

BASHKAYEV, I.S., AGEENKO, A.I.

The antigenic structure of rat sarcomas induced by human sarcoma tissue extracts. *Folia biol.* 9 no.3:177-180 '63.

1. Hertzen State Institute of Oncology, Moscow.  
(SARCOMA, RETICULUM CELL) (TISSUE EXTRACTS)  
(SARCOMA, EXPERIMENTAL) (ANTIGENS)

AVDEYEV, G.I.; BASHKAYEV, I.S.

Certain features of "antigen simplification" in cancerous human stomach tissue. Biul. eksp. biol. i med. 55 no.3:77-79 Mr '63.  
(MIRA 18:2)

1. Iz virusologicheskoy laboratorii (zav. - prof. V.V. Gorodilova) Gosudarstvennogo onkologicheskogo instituta imeni P.A. Gertsena (direktor - prof. A.N. Novikov), Moskva. Submitted May 10, 1962.



BASHKAYEV, I.S.; AGEENKO. A.I.

Nature of the tissue antigen of rat sarcomas produced by human  
sarcoma extract. Folia biol. (Praga) 10 no 3:159-163 '64

1. Hertzen State Oncology Institute, Virology Laboratory, Moscow.

BASHKAYEV, I.S.; AGEENKO, A.I.

Immunological homogeneity of induced sarcoma tumour tissue  
antigens. Folia biol. (Praha) 11 no.3:194-197 '65

1. Virology Laboratory, Hertsen State Oncology Institute,  
Moscow.

BASHKAYEV, I.S. (Moskva, V-415, ul. Lobachevskogo 36, kv.6); AGEYENKO,  
A.I. (Moskva, D-103, Novo-Khoroshevskoye shosse, kvartal 84-85,  
korpus 22, kv.20)

Antigens of human sarcoma and sarcoma in rats appearing after  
the introduction of human sarcoma extracts. Vop. onk. 10  
no.7:61-65 '64. (MIRA 18:4)

1. Iz laboratorii virusologii (zav.- prof. V.V. Gorodilova)  
Gosudarstvennogo onkologicheskogo instituta imeni Gertsena  
(dir.-prof. A.N. Novikov), Moskva.

BASHKAYEV, I.S.

Antigenic structure of the mucous membrane of a normal human stomach. Biul. eksp. biol. i med. 60 no.7:88-91 JI '65.  
(MIRA 18:8)

1. Laboratoriya virusologii (zav.- prof. V.V. Gorodilova)  
Onkologicheskogo instituta imeni P.A. Gertsena (direktor ..  
prof. A.N. Novikov), Moskva.

BASHKAYKIN, M., nachal'nik.

Improving the conditions of dwellings during major repairs. Zhil.-kon.  
khoz. 3 no.7:31 J1 '53. (MLRA 6:8)

1. Proyektno-smetnoye byuro Ul'yanovskogo upravleniya zhilishhnogo  
khozyaystva. (Building--Repair and reconstruction)

BASHKAYKIN, M.

Two years of working in a new way. Zhil.-kom. khoz. ll no.11:  
11-12 N '61. (MIRA 16:7)

1. Glavnyy inzh. Gorodskogo zhilishchnogo upravleniya,  
Ul'yanskovsk.  
(Ul'yanskovsk—Housing management)

*BASHKER, A.F.*

LAPSHIN, N.P.; CHELNOKOVA, L.M., inzhener; YEFIMOV, A.A., nachal'nik len-  
tochno-rovnichnogo tsekha; STERIN, L.I.; RATOVA, N.S.; NOVIKOV, N.V.;  
KABANOVA, Ye.V.; ~~BASHKER, A.F.~~; KLEYENKINA, L.G.; IVANOV, N.Ye.;  
YUSHAKOV, A.N., inzhener.

Readers' efficiency suggestions. Tekst.prom.17 no.1:37-43 Ja '57.  
(MLRA 10:2)

1. Fabrika "Krasnaya Talka (for Chelnokova). 2. Prepodavatel'  
Morshanskogo tekstil'nogo tekhnika (for Sterin). 3. Nachal'-  
nik otdel'nogo tsekha Shuyskoy ob'yedinennoy fabriki (for Iva-  
nov).

(Textile industry)

KHAYUTIN, I.L., kand. tekhn. nauk; BASHKEVICH, I.V., inzh.

Roofs of large-span buildings with prestressed steel elements.  
Prom. stroi. 41 no.6:31-35 Je '64. (MIRA 17:9)

1. Belorusskiy politekhnicheskii institut.



Bashkevich, Yu. V.

AUTHORS: Gershuns, A.L., Bashkevich, Yu.V. 32-7-4/49  
TITLE: Photocolorimetric Determination of the Small Copper Quadrant  
by Means of 2,2' Dichinolil (Fotokolorimetricheskoye opredeleniye malykh kolichestv medi s pomoshch'yu 2,2' -dikhinolila)  
PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 7, pp. 787-788 (USSR)  
ABSTRACT: Dichinolil as a reagent is obtained by a catalytic dehydrocondensation of chinolin; it is then synthesized according to the method of Smirov. Dichinolil is soluble only in isoamilspirit whereby its reaction upon copper extract is increased with the solution of dichinol in isoamilspirit. Thus the content of copper in synthetic solutions, alloys and steel can be determined by its extraction. Some of the results are shown in table 1-2. Very small amounts of copper were detected in zinc, aluminum, magnesium and other metals by adding tartaric acid. The results show that a miscalculation of the copper content can only be less than 2 %.  
ASSOCIATION: Institute for Chemical Science and Research at the State University of Kharkov, imeni A.M.Gor'kiy (Nauchno-issledovatel'skiy institut khimii Kharkovskogo gosudarstvennogo universiteta imeni A.M.Gor'kogo)  
AVAILABLE: Library of Congress  
Card 1/1



BASHKIN, N.Ya.; DMITRIYEVSKIY, V.S.; GOLUBEVA, A.A.; NECHAYEVA, Ye.M.

Smelting fluxed iron ore open-hearth br'quets at the Komintern  
Plant. Metallurg 9 no.12:19-21 D '64. (MIRA 18:2)

BASHKIN, N.Ya.

Fluxed briquets instead of iron ore. Biul. tekhn.-ekon. inform.  
Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17 no.12:6-7 D '64.  
(MIRA 18:3)

BASHKIN, N.Ya.; KOVALEVA, L.S.; SUKHOTIN, B.N.; TUNKOV, V.P.; CHURAKOV, A.I.

Results of using open-hearth briquets instead of lump ore.  
Stal' 24 no.10:889-890 0 '64. (MIRA 17:12)

BASHKIN, N.Ya.; DMITRIYEVSKIY, V.S.; KISLOV, V.M.; CHURAKOV, A.I.

Using fluxed briquets in smelting steel in heavy duty open-  
hearth furnaces. Stal' 24 no.12:1081-1083 D '64.

(MIRA 18:2)

BASHKIN, N.Ya.

Addition of 20 percent of cast-iron chippings to the charge  
for cupola furnaces. Būl. tekhn.-ekon. inform. Gos. nauch.-issl.  
inst. nauch; i tekhn. inform. 18 no.10:4-5 0 '65.

(MIRA 18:12)

BASHKIN, P. (Omskaya obl.)

Equalizing collective farm income and wages. Vop.skon. no.4:  
135-139 Ap '63. (MIRA 16:4)  
(Omsk Province—Collective farms—Income distribution)



BASHKIN, S.

"Elastic Scattering of Protons by  $^{14}\text{N}$ "

SO: E 3543 19 Jun 56

ACC NR: AP7001587

SOURCE CODE: UR/0421/66/000/006/0152/0156

AUTHORS: Bashkin, V. A. (Moscow); Kolina, N. P. (Moscow)

ORG: none

TITLE: The laminar boundary layer on ellipsoids of revolution

SOURCE: AN SSSR. Izvestiya. Mekhanika zhidkosti i gaza, no. 6, 1966, 152-156

TOPIC TAGS: laminar boundary layer, ideal gas, compressible gas, critical point, enthalpy, Prandtl number, friction, temperature coefficient

ABSTRACT: This paper gives the results from a theoretical study of the laminar boundary layer on ellipsoids of revolution overflowed by a supersonic stream of ideal gas at a zero angle of attack. A wide range of characteristic parameters is used:  $M_{\infty} = 3--10$ ,  $\delta = b/a = 0.5--4$ , and  $H_{1w} = 0.05--0.75$ . The flow of a compressible gas in a laminar axisymmetric boundary layer is described by the system

$$\frac{\partial}{\partial x}(\rho ru) + \frac{\partial}{\partial y}(\rho rv) = 0$$

$$\rho u \frac{\partial u}{\partial x} + \rho v \frac{\partial u}{\partial y} = \rho_e u_e \frac{du_e}{dx} + \frac{\partial}{\partial y} \left( \mu \frac{\partial u}{\partial y} \right)$$

Card 1/3

ACC NR: AP7001587

$$\rho u \frac{\partial H}{\partial x} + \rho v \frac{\partial H}{\partial y} + \frac{\partial}{\partial y} \left\{ \frac{\mu}{P} \left[ \frac{\partial H}{\partial y} + (P - 1) \frac{\partial u}{\partial y} \right] \right\},$$

where  $x$  and  $y$  are physical coordinates directed along and normal to the generatrix of the body;  $r$  is the cross-sectional radius of the axisymmetric body;  $u$  and  $v$  are components of the velocity vector and are parallel to the coordinate axes  $x$  and  $y$ , respectively;  $\mu$  is the dynamic viscosity coefficient;  $\rho$  is the density of the gas;  $H$  is the total enthalpy of the gas; and  $P$  is the Prandtl number. The subscript  $e$  refers to the external limit of the boundary layer;  $w$ , to the surface of the body. Generalized parabolic coordinates are introduced for the solution. The effect of various parameters on the nature of the variation in the friction stress along the generatrix is shown in the form

$$c_f = \frac{\tau_w}{\rho_e v_{\infty}^2} \sqrt{Re_e}$$

(see Fig. 1). It is found that when the coefficient of ellipticity  $\delta < 2.0$ , the maximum of the local heat flux occurs in the vicinity of the leading critical point; when  $\delta \geq 2.0$ , it is shifted downstream from the critical point.

Card 2/3

ACC NR: AP7001587

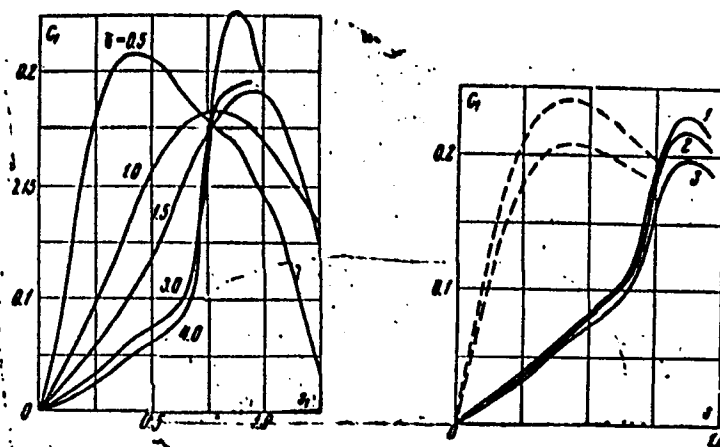


Fig. 1. Effect of the shape of body  $\delta$  on distribution of friction stress for  $M_{\infty} = 3$  and  $H_{1w} = 0.05$

Orig. art. has: 4 formulas and 5 graphs.

SUB CODE: 20/ SUBM DATE: 02Jun66/ ORIG REF: 001/ OTH REF: 006

Card 3/3

BASHKIN, V.A. (Moskva); SOLODKIN, Ye.Ye. (Moskva)

Determining the heat transfer coefficient. PMTF no.3:16-24

S-O '61.

(MIRA 14:8)

(Heat transmission)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5

L 44178-65

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203820010-5"

~~BASHKIN, Yevgeniy Leonidovich~~, kand.sel'skokhozyaystvennykh nauk;

NOVAK, A.G., doktor sel'skokhozyaystvennykh nauk, red.; MARKOVA,  
S.M., red.; KAYDALOVA, M.D., tekhn.red.

[Potatoes in the Far East] Kartofel' na Dal'nem Vostoke. Pod  
red. A.G. Novaka. Khabarovskoe knizhnoe izd-vo, 1957. 260 p.  
(Soviet Far East--Potatoes) (MIRA 12:1)



USSR / Plant Diseases. Diseases of Cultivated Plants.

6

Abs Jour : Ref Zhur - Mikrobiya, No 22, 1958, No. 100581

Author : Bashkin, Ye. L.

Inst : Not given

Title : On the Nature of Potato Degeneration

Orig Pub : Kartoffel', 1958, No 1, 25-29

Abstract : The author calls viral diseases, potato degeneration, and the forms of its manifestation - degenerative diseases. In the author's opinion, viruses are protein + nucleic acid. The synthesis of any protein is determined by the composition and structure of the nucleic acids. In order to set the uniting of normal proteins in the direction of viral ones, it is necessary to change the nucleic acid specific to them. Nucleic acids differ among themselves by different combinations and proportions of nucleotides. Nucleic acids of the virus and plasma of the plant can

Card 1/2

NOVAK, Aleksandr Grigor'yevich, prof., doktor sel'skokhoz.nauk; BASHKIN,  
Ye.L., red.; MARKOVA, S.M., red.; KAYDALOVA, M.D., tekhn.red.

[Principal problems of agriculture in the Far East] Osnovnye  
voprosy zemledeliia Dal'nego Vostoka. Izd.2., ispr. i dop.  
Khabarovsk, Khabarovskoe knishnoe izd-vo, 1959. 446 p.

(MIRA 13:6)

(Soviet Far East--Agriculture)

GORSHTEYN, G.I.; BASHKINA, N.F.; Prinsipalno uchastiyu: ANISIMOVA, A.V.

Distribution of the isomorphous components during crystallization from aqueous solutions. Report No. 4: Study of the system  $(\text{NH}_4)_2\text{Ni}(\text{SO}_4) \cdot 6\text{H}_2\text{O} - (\text{NH}_4)_2\text{Cu}(\text{SO}_4) \cdot 6\text{H}_2\text{O} - \text{H}_2\text{O}$  with the use of radioactive tracers. Study IR-22:8-11-58.

(MIRA 14:0)

(Nickel compounds)  
(Copper compounds)  
(Crystallization)

BASUKTVA, S. Yu.

"Condition of vessel walls of the periodontium in paradentosis." Stomatologiya,  
no. 3, 1952.

BASHKINOVA, A. V.

"Some problems of the clinic and course of ulcerous infections of the stomach and duodenum," (From the material of the Therapeutic Clinic of the Institute) for the years 1938-1947) - Authors: M. N. Tymahovskiy, S. I. Yudasina, N. M. Grobishcheva, and A. V. Bashkinova. Trudy Medinstituta (Izhev. gos. med. in-t), Vol. VII, 1949, p. 176-85

SD: U-3950, 16 June 53, (Letopis, 'Zhurnal 'nykh Statey, No. 5, 1949).

RASHKINSKAYA, V.A., dots.

Experimental study of osteomyelitis [with summary in English].  
Vest.rent.1 rad. 33 no.5:3-8 S-0 '58 (MIRA 11:11)

1. Iz kafedry rentgenologii (sav. - chlen-korrespondent AN  
SSSR prof. D.G. Rokhlin) i kafedry gistologii (sav. - prof.  
G.S. Strelin) i Leningradskogo meditsinskogo instituta imeni  
akademika I.P. Pavlova.

(OSTEOMYELITIS, exper.  
pathogen in rabbits (Rus))

S/153/60/003/005/002/016  
B013 /B058

AUTHORS: Tolmachev, V.N., Bashkinskiy, Ye.V.

TITLE: Spectrophotometric Determination of Iron in Heat-resistant Alloys on Nickel Basis With the Aid of Nitroso R-salt

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i kimicheskaya tekhnologiya, 1960, Vol. 3, No. 5, pp. 815 - 818

TEXT: The possibility of using nitroso R-salt for the determination of iron in the presence of the metal ions nickel, chromium, molybdenum, tungsten, vanadium, titanium, and cobalt, without the application of special reducing agents, was studied in this paper. The spectrometer of the type (Ф-4 (SF-4) was used. Nitroso R-salt was prepared by a known method (Ref.5). Optical densities of a number of solutions with a 5.2 pH with variable iron concentration in the presence of a 20-fold nitroso R-salt excess were investigated in order to check Beer's law. The medium was prepared by means of acetate buffer. Fig.1 shows a satisfactory fulfillment of the law. From the absorption curves (Fig.2) for nitroso R-salt and its complexes with iron- and nickel ions it results that nitroso R-salt

Card 1/3

Spectrophotometric Determination of Iron  
in Heat-resistant Alloys on Nickel Basis  
With the Aid of Nitroso R-Salt

S/153/60/003/005/002/016  
B013/B058

does not absorb in the red spectral range. The absorption curve for the complex compound shows a maximum at  $\lambda = 720 \text{ m}\mu$  with  $\epsilon = 18250$ . The effect of foreign ions on the optical density of solutions ( at  $\lambda = 720 \text{ m}\mu$ ) containing the iron complex with nitroso R-salt was studied (Table 1). It was ascertained that the strongest effect is exerted by nickel, the main component of the alloys. It forms complex compounds with nitroso R-salt. Experiments showed, however, that when increasing the nitro R-salt excess to the 100-fold, nickel does not hamper the determination of iron, even at a ratio of 80 : 1. The disturbance by chromium ions only becomes apparent at  $\text{Cr} : \text{Fe} > 6 : 1$ , and by molybdenum ions at  $\text{Mo} : \text{Fe} > 12 : 1$ . A certain effect is also exerted by tungstate- and vanadate ions. Tantalum- and niobium ions do not react with nitroso R-salt, do not absorb, and should not disturb the iron determination. The admissible  $\text{Me} : \text{Fe}$  ratio was determined on the basis of measurements of optical densities at  $\lambda = 720 \text{ m}\mu$ . It is also valid for operation in the wavelength range of 620 - 780  $\text{m}\mu$ , i.e., it may be considered when using photocolormeters with sulfur-silver elements. Three samples of alloys on nickel basis with different iron

Card 2/3



IGNAT'YEV, Yu.I.; ROZKIN, M.Ya.; BASHKIR, E.V.

Rapid method for determining ashes in pentaerythritol. Zav. lab.  
30 no.10:1207 '64. (MIRA 18:4)

BASHKIREV, A.G.; ROMASHKAN, V.S.; FRIDSHTAND, D.A.

Decoding of conflicting signals in a noncontact telemechanic  
device for natural gas fields. Avtom. i prib. no.4:58-60  
O-D '63. (MIRA 16:12)

1. Institut avtomatiki Gosplana UkrSSR.

BASHKIREV, A.G.; ROMASHKAN, V.S.; FRIDSHTAND, D.A.

Decoding noncorrespondence signals in a contactless remote-control device for gas fields. Gaz. delo no.10:43-45 '63. (MIRA 17:4)

1. Institut avtomatiki Gosplana UkrSSR.

**"APPROVED FOR RELEASE: 06/06/2000**

**CIA-RDP86-00513R000203820010-5**

**APPROVED FOR RELEASE: 06/06/2000**

**CIA-RDP86-00513R000203820010-5"**

SUBMITTED: 00

ENCL: 00

SUB CODE: EC

F BASHKIREV, F.A.

G

29a-334. Physicochemical Action of  
Cutting Oils During the Machining  
Process. (In Russian.) F. A. Bash-  
kirev. *Stanki i Instrument. (Tools  
and Instruments)*, v. 10, April 1948,  
p. 17-22.

Effect of cutting oils on machin-  
ing and results of investigation of  
a series of 29 cutting oils of vari-  
ous compositions used in the  
U.S.S.R. as applied to different  
types of machining.

BASHKIREV, T.A., podpolkovnik meditsinskoy sluzhby

Effectiveness of Chernokhvastov's alcohol vaccine in the compound  
treatment of dysentery. Voen.-med.zhur. no.7:38-41 J1 '56.  
(DYSENTERY) (VACCINES) (MLRA 9:11)

Desyatov, I. I., Kovalev, V. I.

"On the study of hemorrhagic fever with a renal syndrome in the central Volga region." p. 115

Desyatoye soveshchaniye po parazitologicheskim problemam i prirodnootchaynym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, no. 1 254pp.

Kazan

BASHKIREV, T.A. (Kazan'); BOYKO, V.A. (Kazan')

Epidemiology of hemorrhagic fever with a renal syndrome in  
foci of the Middle Volga region. Kaz.med.shur. 40 no.5:52-  
58 S-O '59. (MIRA 13:7)

(VOLGA VALLEY--HEMORRHAGIC FEVER)



САСИКИН, Л.А., подполковник мед.службы; БОЙКО, В.А.

Outbreak of hemorrhagic fever in the Mari A.S.S.R. Voen.-med. zhur.  
no.5:84 My '61. (MIRA 14:8)

(MARI A.S.S.R.--HEMORRHAGIC FEVER)

BASHARIEV, I. A. (Kazan )

Types of hemorrhagic fever diseases with natural foci, studied in the  
territory of the U.S.S.R. Kaz. med. zhur. no.6:42-47 N-D '61.  
(MIRA 15:2)

(HEMORRHAGIC FEVER)

Changes in the renal vascular system in hemodialysis. Fever with  
the renal syndrome in the Middle Volga Valley. kaz. med. zhur.  
no.6:20-22 N-D '63. (MIRA 17:10)

DIDENKO, V.Ye.; TSAREV, M.N.; DMITRIYEV, M.M.; LEYTES, V.A.; OBUKHOVSKIY, Ya.M.; IVANOV, Ye.B.; CHERTOK, V.T.; URSALENKO, R.N.; KRIGER, I.Ya.; PINCHUK, A.K.; ANTONENKO, N.Z.; SMUL'SON, A.S.; VASIL'CHENKO, S.I.; DRASHKO, A.M.; RAYEVSKIY, B.N.; KUCHIRYAVENKO, D.N.; SAVCHUK, A.I.; ZHURAVLEVA, L.I.; BAUTIN, I.G.; KHRIYENKO, V.Ya.; MOSENKO, N.K.; CHEBONENKO, G.P.; LISSOV, L.K.; MAMONTOV, V.V.; BELUKHA, A.A.; POYDUN, V.F.; VOLODARSKIY, M.B.; KAL'CHENKO, G.D.; LEVCHENKO, V.M.; BASHKIROV, A.A.; VOROB'YEV, M.F.; IL'CHENKO, L.I.; PODSHIVALOV, F.S.; MOGIL'NIY, P.P.; LEVI, A.R.; VASLYAYEV, G.P.; DURNEV, V.V.; OSIYA, S.S.; SAMOFALOV, G.N.; POMIN, A.F.; LESHCHINA, A.I.; FANKEL'BERG, G.Ye.; KHODANKOV, A.T.; MAKARENKO, I.S.; KARPOVA, K.K.; VASILENKO, I.M.; VOLOSHCHUK, A.S.; SHELKOV, A.K.; FILIPPOV, B.S.; TYUTYUNNIKOV, G.N.; DOLINSKIY, M.Yu.; NIKITINA, P.P.; MEDVEDEV, S.M.; TSOGLIN, M.E.; LERNER, R.Z.; BOGACHEV, V.I.

Mikhail Iakovlevich Moroz; obituary. Koks i khim.no.3:64 '56.(MLRA 9:8)  
(Moroz, Mikhail Iakovlevich, 1902?-1956)

BASHKIROV, A.A., veterinarnyy vrach Khersonskoy oblasti, Gornostayevskiy rayon;  
MALAKHOV, N.V.; BAKULOV, I.

Aspects of using corn as feed. Veterinariia 33 no.8:82-84 Ag '56.  
(MIRA 9:9)

1.Starshiy veterinarnyy vrach Dunayevskoy mashino-traktoynoy stantsii,  
Stavropol'skogo kraya (for Malakhov).2.Glavnyy veterinarnyy vrach  
molochnogo sovkhoza "Stychnoy", Nikolayevskogo rayona, Kamenskoy oblasti  
(for Bakulov).  
(Corn (Maize)) (Domestic animals--Diseases and pests)

"Work of Hydroelectric plants under changing loads."

Dissertation for Candidate of Technical Sciences, Azerbaydzhan Institute, Baku (API)

Subject: Hydropower Engineering

Gidrotekhnicheskoye, Stroitel'stvo, 12, 1946

USSR/Engineering - Hydroelectric

Power  
Operational Theo.

"Calculating Operational Irregular  
Hydroelectric Aggregate," A. A. Bas  
Tech Sci, 4 pp

"Gidrotekh Stroi" No 10

Proposes simplified method for calc  
operational irregularity of hydroel  
unit. Method is based on graphical  
tion of dependence of power consump  
quency and inertia of rotating mass

USSR/Engineering - Hydroelectric  
Power (Contd)

claimed by Bashkurov (7-8%) is confirme  
ment, editors will recommend method for  
Include five graphs.

... .., ... .., ... ..

"Designs for Hydraulic Thrust," Moscow, 1952



BC 1

Call No.: AF-420-1, Incl. 2

Authors: MOSTKOV, M. A., Dr. of Eng., and BASHKIROV, A. A.

Full Title: COMPUTATION OF HYDRAULIC IMPACT

Transliterated Title: Raschety gidravlichesкого udara

Publishing Data

Originating Agency: None

Publishing House: State Publishing House of Literature on Power Engineering.  
(Glavenergoizdat)

Date: 1952

No. pp.: 200

No. copies: 2750

Editorial Staff

Editor: None

Tech. Ed.: None

Ed.-in-Chief: None

Appraiser: None

Text Data

Coverage: A textbook on designing and operating hydroelectric plants with water piping systems. Pt. I: Basic theories of Hydraulic impact in pipes, with practical formulas for determining the velocity of wave propagation of hydraulic impact. Graphical method of computation (Dr. M. A. Mostkov). Charts. (A. A. Bashkiroff, B. E. Sc.).

Purpose: A textbook for engineers and students engaged in problems of hydraulic impact in piping.

Facilities: None

No. Russian and Slavic References: 23

Available: A.I.D., Library of Congress.

BASHKIROV, A.A., KAND.tekhn.nauk

Introducing greater efficiency in underground powerhouses  
of hydroelectric power stations. Gidr.stroi. 29 no.3:  
12-16 Mr '60. (MIRA 13:6)  
(Hydroelectric power stations—Design and construction)

BASHKIROV, A.A., kand.tekhn.nauk; DZHORDZHADZE, P.V., inzh.

Plan for the development of the Inguri River. Gidr. stroi.  
32 no.12:1-3 D '61. (MIRA 15:2)  
(Inguri River--Power utilization)

KALISTRATOV, G.F.; BASHKIROV, A.A.

Use of a serial portable apparatus for electrolytic sharpening of surgical instruments in the preparation of metal micro-electrodes. Biul.eksp.biol.i med. 58 no.7:122-123 J1 '64.

(MIRA 18:2)

1. Kafedra normal'noy fiziologii (zav. - dotsent K.M.Kullanda)  
Universiteta druzhby narodov imeni Patrisa Lumumby, Moskva. Submitted June 18, 1963.